



User Manual

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1. Introduction

The ServerLink PDU is a network ready device designed and equipped with an Intelligent True RMS Current Meter to indicate the total power consumption of connected devices.

The ServerLink PDU offers an easy to set up and user-friendly interface. The software enables you to remotely monitor power consumption of a single PDU or multiple PDUs.

Features:

- Built-in web server allowing real time monitoring of current consumption
- Built-in True RMS current meter
- Easy Setup. The meter can display the IP address of the PDU
- Homepage supports SSL
- Provides audible alarm when the power consumption exceeds the warning threshold or overload threshold
- Send email and traps when the power consumption exceeds the warning threshold or overload threshold
- Utility software can monitor a large amount of ServerLink PDUs at the same time
- Supports SNMP and provides MIB for the PDU to be monitored by NMS
- LED to indicate status of each outlet
- Supports power on sequence
- Supports user-defined delayed time for power on and power off
- Provides power protection via the circuit breaker

2. Package Contents

The standard ServerLink PDU package contains a Power Distribution Unit with supporting hardware and software.

- Power Distribution Unit
- Rack Mount Brackets
- CD-ROM containing:
 - ServerLink PDU User Manual
 - ServerLink PDU Utility User Manual
 - ServerLink PDU Utility Software
 - MIB: Management Information Base for Network (ServerLink.mib)
 - Adobe Acrobat Reader

3. Function



Functions	Description
Ethernet	<ul style="list-style-type: none">The Network connection for the built-in web server
Audible Alarm	<ul style="list-style-type: none">PDU exceeds warning threshold - 1 beep per secondPDU exceeds overload threshold - 3 beeps per second
<p>Note: The audible alarm will not change beeping status until the current drops more than 0.5A below the warning or overload threshold</p>	
Function Button	<ul style="list-style-type: none">Press and release to turn off the warning beep. The overload beeping cannot be cancelledPress and hold, after 2 beeps release the button. The meter will display the IP address of the PDUPress and hold, after 4 beeps release the button and the PDU will change the way to assign the IP address...via DHCP or Fixed IPPress and hold, after 6 beeps release the button. The PDU will reset the power to all outlets and restore all settings to factory default
Meter	<ul style="list-style-type: none">Displays the current consumption or IP Address

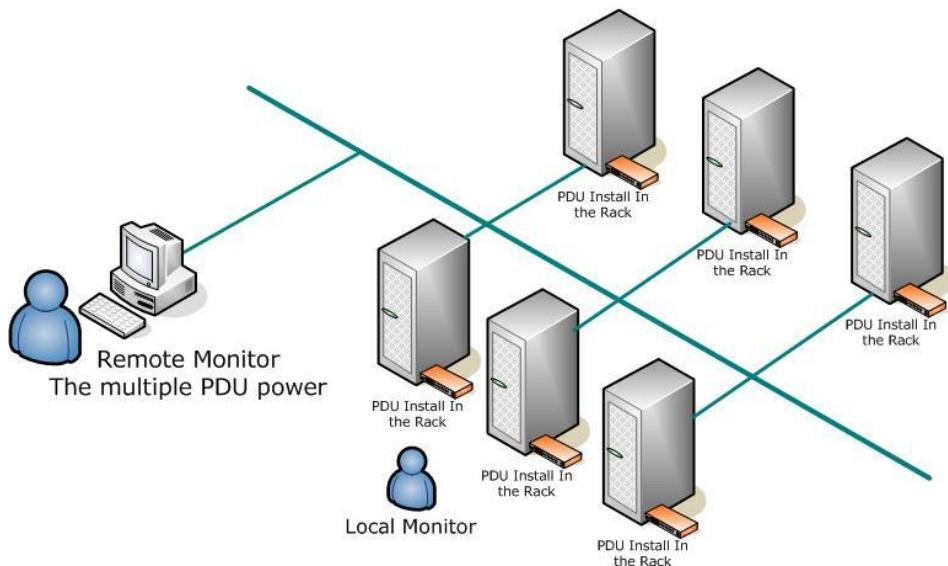
-
- | | |
|-----------------|--|
| LED Indicator | <ul style="list-style-type: none">● SSL (Yellow): Light on means web access is protected by SSL● DHCP (Green): Light on means PDU is assigned an IP address via DHCP● Outlet A-H (Green): Light on indicates outlet power is on. Light off indicates outlet power is off |
| Circuit Breaker | <ul style="list-style-type: none">● Overload power protection |
-

4. Installation

Rack Mount Instructions

- A) Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature specified by the manufacturer.
- B) Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.
- C) Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- D) Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on over current protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- E) Reliable Earthing - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

Diagram



Hardware

1. Install mounting brackets
2. The ServerLink PDU comes with brackets for mounting in a rack. To mount the PDU into a rack, perform the following procedure
3. Attach the mounting brackets to the unit, using the four retaining screws provided for each of the brackets
4. Choose a location for the brackets.
5. Align the mounting holes of brackets with the notched hole on the vertical rail and attach with the retaining screws
6. Connect input and output power
7. Connect Ethernet cable to the PDU
8. Switch on the PDU

Note 1:

The default setting to assign the IP address is DHCP. If the PDU cannot get the IP from a DHCP server, the IP address will default to 192.168.0.216

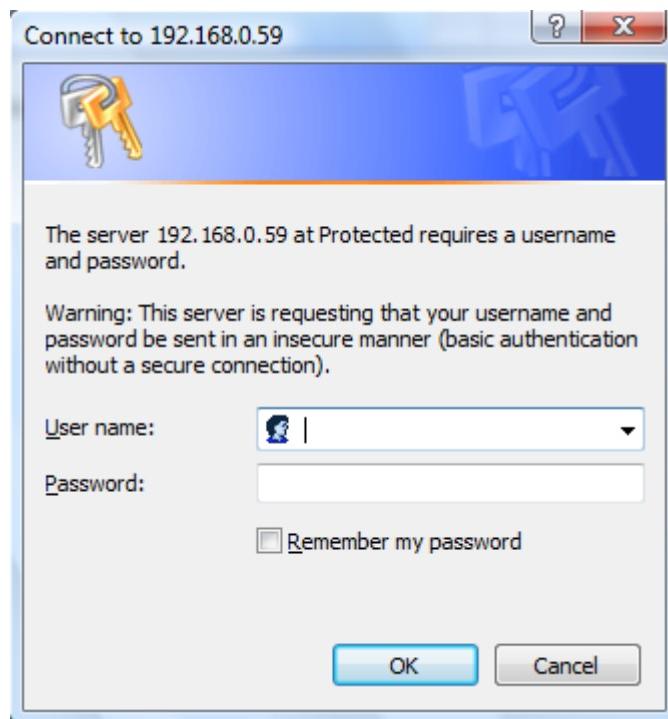
5. Web Interface

Login:

Enter the ServerLink PDU IP address into a web browser

Default User Name is **snmp**

Default Password is **1234**



Information: PDU

Displays total PDU outlet power consumption and Warning and Overload thresholds

**SERVERLINK
PDU**

Total load: 0.0 A , Status: Normal

Information	PDU
PDU	PDU 0.0 A Normal
System	
Control	Threshold
Outlet	
Configuration	Warning
PDU	12.0 A
Threshold	Overload 16.0 A
User	
Network	
Mail	
SNMP	
SSL	

Information: System

Displays PDU system information, including:

Model No.

Firmware Version

MAC Address

System Name

System Contact

Location

The screenshot shows a web-based configuration interface for a ServerLink PDU. At the top, there's a logo for "SERVERLINK PDU". Below it, a status bar displays "Total load: 0.0 A , Status: Normal". The main area is divided into two columns. The left column contains a sidebar with navigation links: Information, PDU, System, Control, Outlet, Configuration, PDU, Threshold, User, Network, Mail, SNMP, and SSL. The right column displays system details and configuration fields. The "Information" section shows Model No. as SLP-SB1008-H and Firmware Version as s4.82-091012-1cb08s. The "System" section shows MAC Address as 00:16:18:77:0A:84, System Name as PDU, System Contact as Admin, and Location as Office. An "Apply" button is located at the bottom right of the configuration area.

Information		
PDU	Model No.	SLP-SB1008-H
System	Firmware Version	s4.82-091012-1cb08s
Control	MAC Address	00:16:18:77:0A:84
Outlet	System Name	PDU
Configuration	System Contact	Admin
PDU	Location	Office
Threshold		
User		
Network		
Mail		
SNMP		
SSL		

Control: Outlet

Displays PDU outlet on/off status

Select the outlet by checking the box and then click ON, OFF or OFF/ON button to control the output power for PDU

ON: Press this button to turn on the assigned outlets

OFF: Press this button to turn off the assigned outlets

OFF/ON: Press this button to reboot the assigned outlets

Total load: 0.0 A , Status: Normal			
Information	PDU	Status	<input type="checkbox"/>
PDU	OutletA	ON	<input type="checkbox"/>
System	OutletB	ON	<input type="checkbox"/>
Control	OutletC	ON	<input type="checkbox"/>
Outlet	OutletD	ON	<input type="checkbox"/>
Configuration	OutletE	ON	<input type="checkbox"/>
PDU	OutletF	ON	<input type="checkbox"/>
Threshold	OutletG	ON	<input type="checkbox"/>
User	OutletH	ON	<input type="checkbox"/>
Network	<input type="button" value="ON"/>	<input type="button" value="OFF"/>	<input type="button" value="OFF/ON"/>
Mail			
SNMP			
SSL			

Configuration: PDU

Set the outlet name and delay time

Name: Rename the outlet

ON: Set the delay time for power on sequence

OFF: Set the delay time for power off sequence

Note: The maximum delay time is 255 seconds

Total load: 0.0 A , Status: Normal			
Information	Name	ON Delay (sec)	OFF Delay (sec)
PDU	OutletA	1	1
System	OutletB	2	2
Control	OutletC	3	3
Outlet	OutletD	4	4
Configuration	OutletE	5	5
PDU	OutletF	6	6
Threshold	OutletG	7	7
User	OutletH	8	8
Network			
Mail			
SNMP			
SSL			
	Apply	Apply	Apply

Configuration: Threshold

Set the Warning and Overload threshold

**SERVERLINK
PDU**

Total load: 0.0 A , Status: Normal

Name	Threshold (Amp)	
	Warning	Overload
PDU	12	16

Information

[PDU](#)

[System](#)

Control

[Outlet](#)

Configuration

[PDU](#)

[Threshold](#)

[User](#)

[Network](#)

[Mail](#)

[SNMP](#)

[SSL](#)

Configuration: User

Change ID (Username) and password. ID and password are case sensitive

Default ID is **snmp**

Default password is **1234**

**SERVERLINK
PDU**

Total load: 0.0 A , Status: Normal

Information	Original
PDU	ID <input type="text"/>
System	Password <input type="text"/>
Control	New
Outlet	ID <input type="text"/>
Configuration	Password <input type="text"/>
PDU	
Threshold	
User	Apply
Network	
Mail	
SNMP	
SSL	

Configuration: Network

PDU network information

Enable DHCP: Change the way to assign the IP address for the PDU

The screenshot shows the 'Configuration: Network' page of the ServerLink PDU software. At the top, there is a logo for 'SERVERLINK PDU'. Below it, a status bar displays 'Total load: 0.0 A , Status: Normal'. The main area is divided into two columns: 'Information' on the left and 'IP Address' and 'DNS Server IP' on the right.

Information	IP Address
PDU	Host Name: DIGIBOARD
System	IP Address: 192.168.0.85
Control	Subnet Mask: 255.255.255.0
Outlet	Gateway: 192.168.0.254
Configuration	<input checked="" type="checkbox"/> Enable DHCP
PDU	
Threshold	
User	Primary DNS IP: 192.168.0.254
Network	Secondary DNS IP: 0.0.0.0
Mail	
SNMP	
SSL	<input type="button" value="Apply"/>

Configuration: Mail

When an event occurs, the PDU can send an email message to a specified email address

Email Server: This setting must be a local or public fully qualified domain name. Eg. mailserver.domain.local or mail.domain.com.au (It cannot be an IP address)

Sender's Email: Input the sender's email address

Email Address: Input the recipient's email address

The message in the email will be as follows:

XXXXXXX

The above indicates the outlet status of ports A to H in order

X=0 : means the power off

X=1 : means the power on

Note: Make sure DNS server can resolve the Email Server's domain name

The screenshot shows the configuration interface for a ServerLink PDU. The top header displays the brand logo and the text "Total load: 0.0 A , Status: Normal". On the left, a vertical navigation menu lists several categories: Information (PDU, System), Control (Outlet), Configuration (PDU, Threshold, User, Network, Mail, SNMP, SSL). The "Mail" option is currently selected and highlighted in blue. The main right panel is titled "Email Setting" and contains two input fields: "Email Server" with the value "mail.your.com" and "Sender's Email" with the value "sender@yourcom.com". Below these, there is a section titled "Recipient's Email Address" with an empty input field and an "Apply" button. The overall interface has a clean, modern design with a light blue background and white text.

Configuration: SNMP

When an event occurs, the PDU can send out a trap message to a specified IP address

Trap Notification: Set receiver IP address for trap

Community: Set SNMP community

Read Community is public and fixed

Default Write Community is “public” and can be modified by user

The screenshot shows the configuration interface for a ServerLink PDU. At the top, there is a logo for "SERVERLINK PDU". Below the logo, a banner displays "Total load: 0.0 A , Status: Normal". The main menu on the left includes links for Information (PDU, System), Control (Outlet), Configuration (PDU, Threshold, User, Network, Mail), and SNMP/SSL. The right panel is titled "Trap Notification" and contains a "Receiver IP" field with the value "192.168.0.1" and an "Apply" button. Below this, the "Community" section shows "Read" set to "public" and "Write" set to "public", also with an "Apply" button.

Configuration: SSL

Enable SSL for web communication

User must input the correct ID and password to enable SSL function

Default ID is **snmp**

Default password is **1234**

The screenshot shows the configuration interface for a ServerLink PDU. At the top, there is a logo for "SERVERLINK PDU". Below it, a status bar displays "Total load: 0.0 A , Status: Normal". The left sidebar contains a navigation menu with several categories and sub-links:

- Information**: PDU, System
- Control**: Outlet
- Configuration**: PDU, Threshold, User, Network, Mail, SNMP, SSL

The main content area is titled "SSL". It contains the following fields:

- Enable SSL**: An unchecked checkbox.
- Confirmation**: Two input fields labeled "ID" and "Password".
- Apply**: A blue "Apply" button.